

Approved For Release 2009/07/22 : CIA-RDP80T00246A010900370001-0

C-O-N-F-I-D-E-N-T-I-A-L

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8. A small petroleum tank farm of 3-4 tanks is located at Tuzbuny, south south of Ventspils at the point where the railroad crosses the highway. These tanks are quite shiny and at a distance look like aluminum. Immediately to the south of the tanks there are a number of windmills, on the same side of the highway. [redacted]
9. There are a number of submarines, torpedo boats, light cruisers, and destroyers at Ventspils. [redacted]
10. At Liepaja there is an important navy base. Kara Osta is the best harbor on the Baltic, and has the largest dry docks on the Baltic. Heavy cruisers can be accommodated at this base.

25X1

25X1

Topography

11. Much of the area along the coast is prohibited. The entire coast from Ventspils south to a point below Liepaja is restricted. At Liepaja there are a number of good beaches. The sand is hard and white, and it used to be a favorite sport to drive bicycles down the beach. The strand in the area around Bernati is about two cars wide, hard sand, before encountering soft sand. There is an incline leading to sand dunes which have a heavy covering of weeds and grass. It is too soft to walk in this area.
12. Lucnas Swamp, north of Staldzene, is prohibited and the entire shoreline from Staldzene to Sikrage is prohibited.
13. Paralleling the coast at Ventspils and running north-south are three sand bars between the shore and a point 75 meters out. The first sand bar off shore is under about one foot of water; the second under about two feet; and the third is practically at the surface. The deepest water between the third sand bar off shore and the shore would be about 5'10".
14. It would be possible for a skuba diver to swim into Ventspils harbor quite easily, as tides and currents are nondescript.
15. The waters around the point at Kolka, between Domane Strait and the Gulf of Riga are very dangerous for navigation, and there are many wrecks and sand bars in the area. [redacted]
16. Riga Bay is not suitable for deep-draft ships except in the Channel up to Bolderaja. Light and heavy cruisers can be moored at Bolderaja.
17. There are many rivers in Latvia which vary widely in their characteristics. The Daugava River above Riga is deep and there is a very fast current, especially around Koknese and Ikshile. At Ikshile [redacted] there is a spot where the German army was able to ford the Daugava River during WWII. The river at Riga was too deep and so the Germans crossed at the one spot where water is only chest deep. This spot is at the NE corner of the small island in the river. The Germans used pontoons for vehicles, but the infantry was able to wade across, although the water is quite rapid, with whirlpools, and there is a steep bank on the north side of the river.
18. As of Jun 60 the point still shows the effects of military action during WWII as there are many shell craters in the area. The Soviets would undoubtedly be expecting a crossing at this point in the event of military action, because they studied the techniques of the Germans very carefully and have them all written up in a book.
19. At Riga there are two bridges, one of which was just completed in 1959. This bridge is of concrete and steel construction and is four-cars wide. The river is about 3-4 km wide at this point.
20. The Lielupe River is slow and is about 200 yds wide. There are no reefs and it is very easy to swim.

25X1

25X1

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

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21. The Pree River [] is shallow, small, and stony. There are many places to hide in this area, near the Koknese ruins. These are German medieval ruins and attract many tourists. 25X1
22. The Ogre is a shallow, stony, and fast river.
23. Latvia has many lakes, some of which are quite large and deep and could be used for hydroplanes in the event of hostilities. Moritz Sala is an island in (Lake) Usmas Ezers. The island is a wild life preserve and would be of very definite strategic value in the event of war, to provide a site for a radio beam guide base or possibly landing of sea planes. It is located near the strategic Ventspils-Riga railway []. There are 2 or 3 game wardens, with dogs, on Moritz Sala. 25X1
24. Lake Vestiena [] is a deep lake, as is Kalu Ezers, which is located close to the highest point in Latvia, at Sinkas. 25X1
25. Lake Buznisku is a prohibited area. [] It is the site of an old WWII ammunition dump and it is said that there are hundreds of unexploded bombs in the water. It is possible to drive past the lake but access to it is denied. 25X1
26. Lake Kisesers is deep and wide [] It is 3-4 km wide, has sandy shores, the north side is forested, and the water is clear. During WWII the Germans had a hydroplane base at the SE corner of Lake Kisesers, at Masa Parks. 25X1
27. Juglas Lake is connected by a canal with Lake Kisesers. By bombing the bridge over the canal, the main escape route to the USSR (the Valmieras-Valkas highway) would be closed. Forces stationed near Riga would be forced to use the river as an escape route.
28. (Lake) Babites Ezers near Riga is a good-sized body of water, but is of no use for military purposes because it is almost full of six ft tall reeds. [] The water is only 3-4 feet deep and is very muddy. The area immediately north of the lake, along the bay, likewise is unusable because the water is too shallow for use of landing craft. The area is good for fishing and duck hunting. 25X1
29. The Tirela Purve Swamp near Babites Ezers would be a good place for hiding out.
30. Sea planes could land easily at (Lake) Zebres Ezers, which is 1-2 miles wide and very deep, []. The area between the lake and swamp to the south of the lake has very thick brush and is quite heavily wooded. 25X1
31. (Lake) Liepajas Ezers, east of Liepaja, is a shallow lake.
32. (Lake) Inesis [] is a deep lake. 25X1
33. The largest dam in Latvia, and a good-sized hydroelectric plant is located at Kagans, []. 25X1

-end-

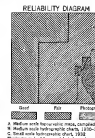
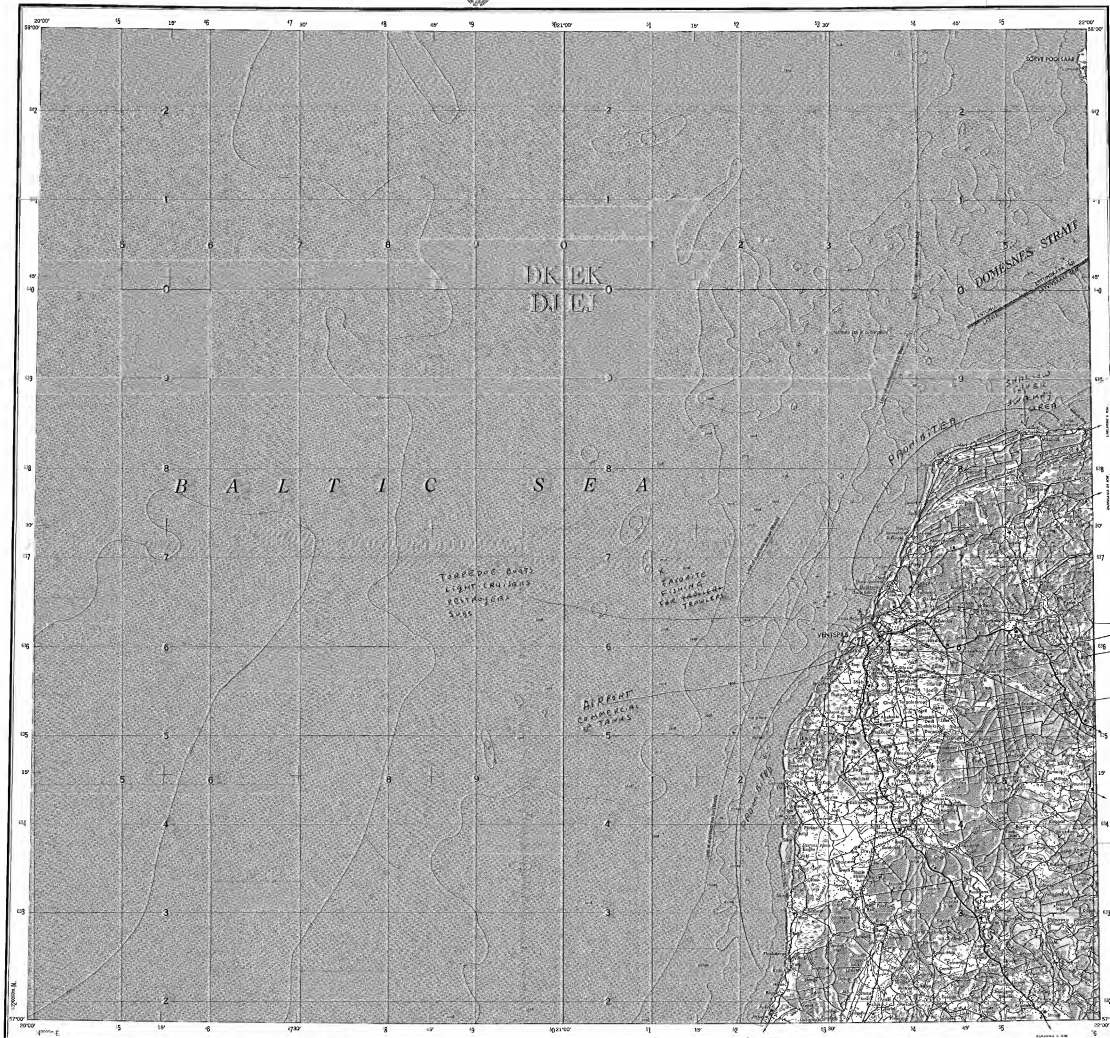
C-O-N-F-I-D-E-N-T-I-A-L-

EASTERN EUROPE



VENTSPILS

CONFIDENTIAL



BEAUTIFUL
BEACHES - FIRM GROUND
ON BEACHES



SMALL PUBLIC BEACHES

FISHERMEN WITH NETS

GRAVEL HWY

From 3rd Sand Bar out

to shore is 15m

VARIE = RUSS. 3000000

BARRIERS = 3000000

From Leningrad

to shore is 15m

to shore is 15m

to shore is 15m

CONFIDENTIAL

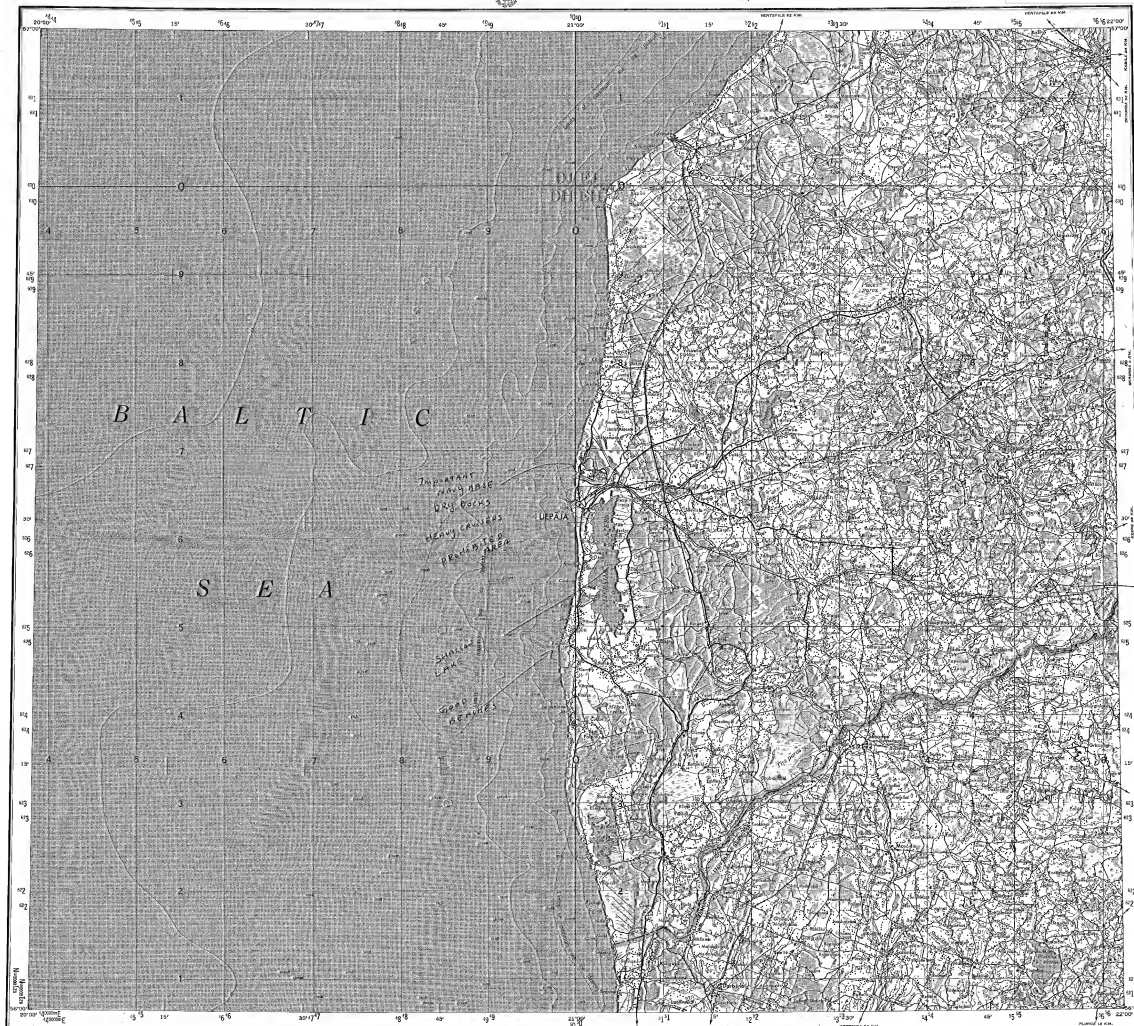
25X1



25X1

LIEPĀJA

CONFIDENTIAL



RELIABILITY DIAGRAM



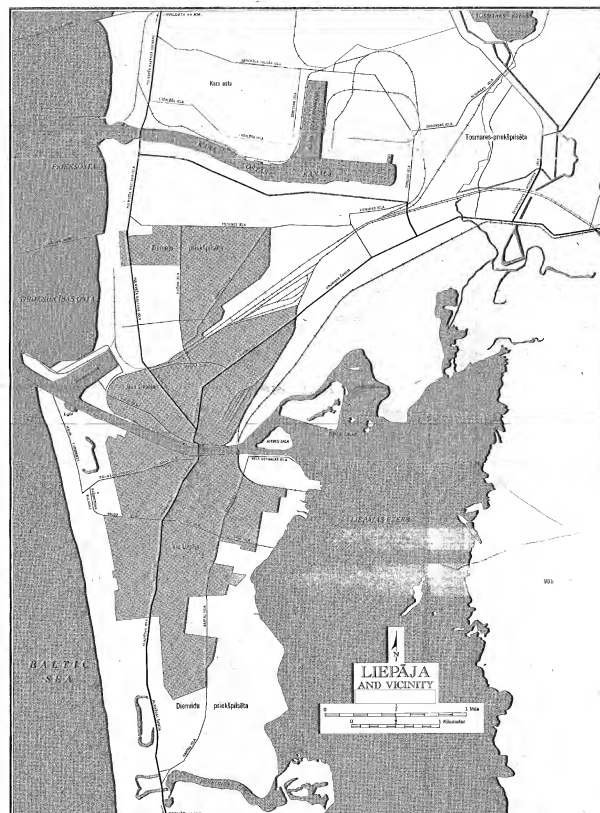
Hydrography derived from aerial photography:

- A. Medium scale hydrographic chart, 1959-6
- B. Small scale hydrographic chart, 1972

Hydrography derived from aerial photography.

LEGEND
Figures in red denote approximate dates

[illegible]



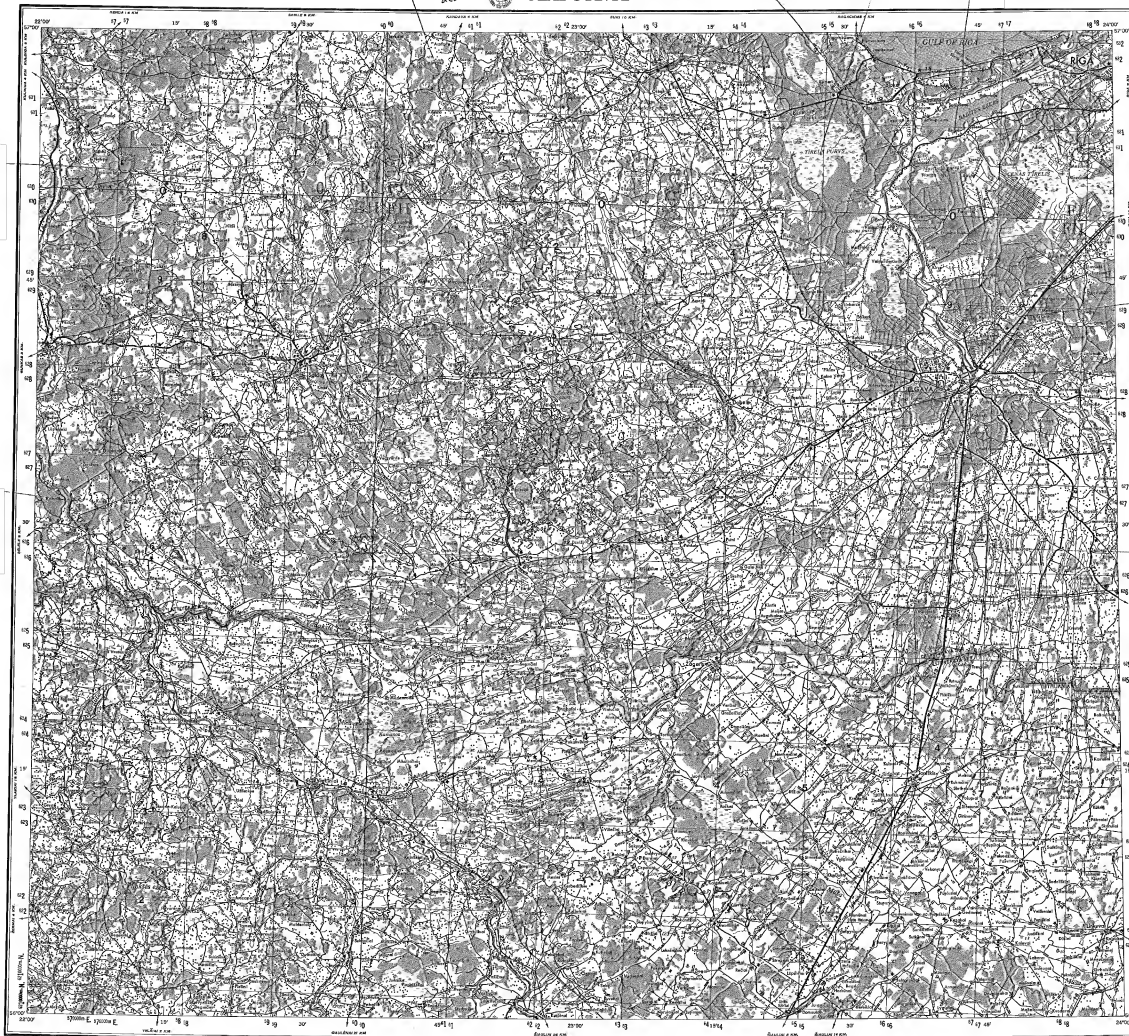
ZEBRE - GOOD LAKE
SMALL LAKE
also

 JELGAVA **CONFIDENTIAL**

10900370001-0
DEEP
SLOW RIVER

Good
swamp
for hideout

SHALLOW LAKE
many weeds 3-4 FEET DEEP WATER
muddy
ducks, good FISHING

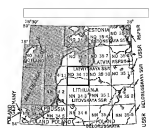


RELIABILITY DIAGRAM



A. Medium state (strongly) wax, covered, 1866
B. Wax on state (very strongly) wax, 1866.
(Photomicrograph from: [1-104] 2-1941 used
photography)

- CONCRETE Hi-WAY



↓ APGLDGS MU
TELEPHONE EXC

LEGENDA
di durata superiore
di durata inferiore

ready built up area _____

Over 100,000 **MOSK**

50,000 to 100,000 _____ CHERNI
10,000 to 50,000 _____ BAT.

Number of employees	Single track	Multiple
2,000 to 10,000	0	0
Less than 2,000	0	0
PERIOD	Single track	Multiple

Normal gauge (5 feet) _____ 100 ft
 Narrow gauge _____ 100 ft
 100 ft

Hard surface, all weather _____ 2 LAMP/16
More than two lanes wide _____
Two lanes wide _____

Less than two days wide _____
 Less surface, graded, off weather. Finished 0

BOUNDARIES

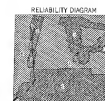
International	000000 00 00
SSN, expiring	000000 00
Key, valid	000000 00 00

Horizontal control point _____
Spot elevation in meters _____

Mangrove _____
 Marsh or Swamp _____
 Wood/brushwood _____

Rock: Amphib. Diorite

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A. Midpoint and a topograph (c. 1930-42)
B. Midpoint and topography (c. 1940)
Photography (c. 1940-42) 1944, 2 1943, 5-10
and 1944-45

25X1

[illegible]

25X1

25X1

BEWARE OF ODZG -
Poisonous snails
found under wheat stacks.
VALMIERA, LATVIA; ESTONIA

25X1

 RIGA

Figure 10. The distance approximation between
in kilometers between stars

[illegible]

[illegible]

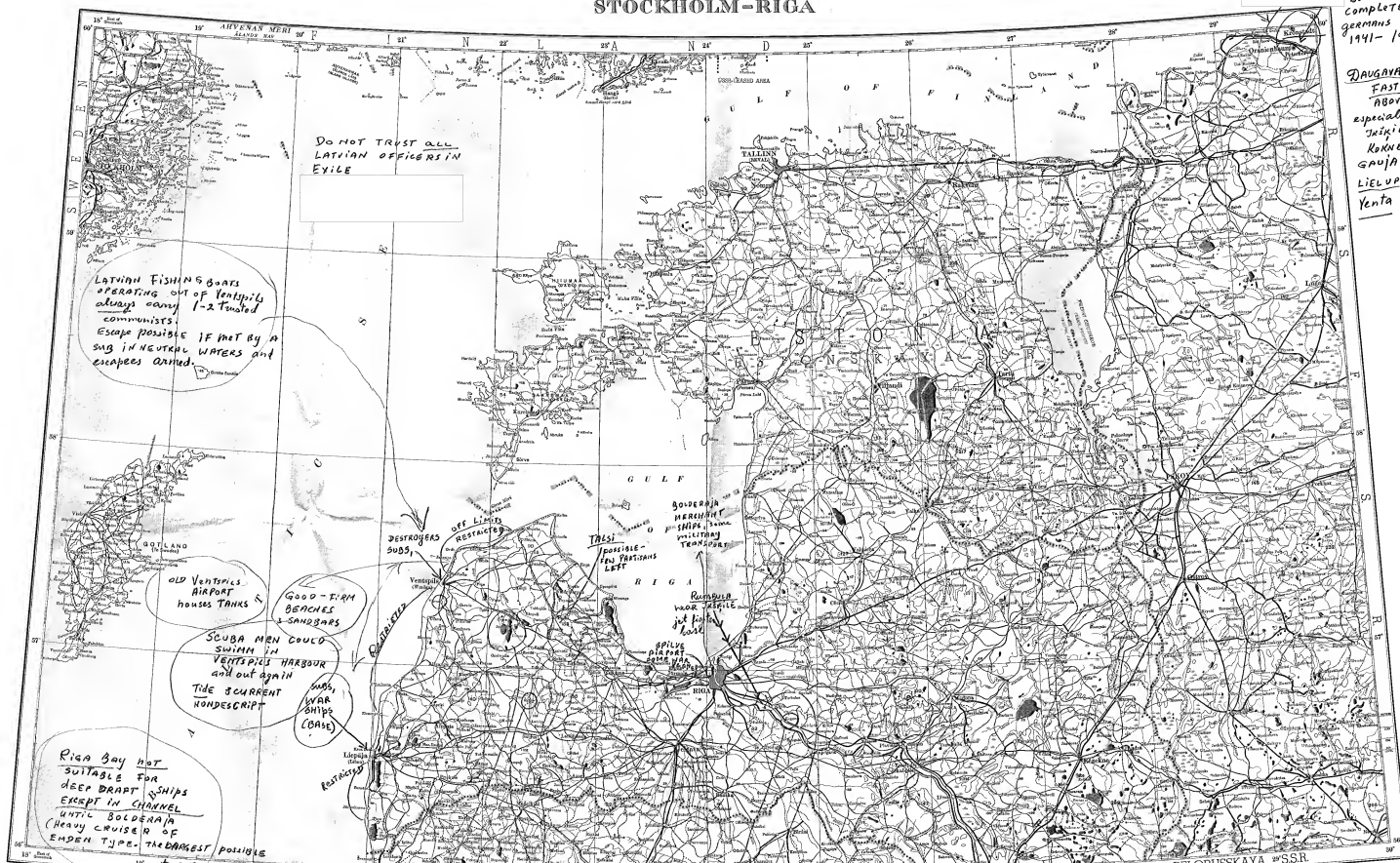
25X1

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STOCKHOLM-RIGA

WORLD (EUROPE)



2nd Fleet bottled up completely by Germans from 1941-1944

DAUGAVA - DEEP FAST - CURRENT ABOVE RIGA - especially - around Riga - FAST LIELOPE - SLOW Yenta - FAST AND SLOW